



**PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS**

OFFICE USE ONLY

PERMIT LMON # _____
SAM CASE Y/N # _____
DATE RECEIVED: _____
FEE PAID: _____
CHECK # _____

A. RESPONSIBLE PARTY _____ E-mail _____

(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)

Mailing Address _____ City _____ State _____ Zip _____

Contact Person _____ Phone _____ Ext. _____ Fax _____

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # _____

C. CONSULTING FIRM _____

Mailing Address _____ City _____ State _____ Zip _____

Registered Professional _____ Registration # _____ (RG, RCE, CEG, PG)

E-mail _____

Circle if applicable

Contact Person _____ Phone _____ Ext. _____ Fax _____

D. DRILLING COMPANY _____ C57# _____

Contact Name _____ E-mail _____

Mailing Address _____ City _____ State _____ Zip _____

Phone _____ Ext. _____ Fax _____

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED	MATERIALS TO BE USED		PROPOSED CONSTRUCTION
	CASING	SEAL/BORING BACKFILL	
<input type="checkbox"/> Groundwater _____ # _____	Not Applicable _____	<input type="checkbox"/> Neat Cement	Estimated groundwater depth: _____ ft.
<input type="checkbox"/> Vadoses _____	Type _____	<input type="checkbox"/> Cement & Bentonite	Estimated depth of boring _____ ft.
<input type="checkbox"/> Boring _____	Gauge _____	<input type="checkbox"/> Sand-Cement	Concrete surface seal _____ to _____
<input type="checkbox"/> Other _____	Diameter _____	<input type="checkbox"/> Bentonite	Annular seal _____ to _____
	Well Screen Size _____	<input type="checkbox"/> Other _____	Bentonite transition seal _____ to _____
	Filter Pack _____	Borehole diameter _____	Filter Pack _____ to _____
NUMBER OF WELLS TO BE DESTROYED	Drilling Method		Perforation _____ to _____
<input type="checkbox"/> _____	<input type="checkbox"/> Auger	<input type="checkbox"/> Air Rotary	
	<input type="checkbox"/> Mud Rotary	<input type="checkbox"/> Other	
	<input type="checkbox"/> Percussion		

NOTE:
**Attach a well construction diagram
for wells with multiple completions**

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE _____ DATE _____

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk with a complete and accurate well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

RG/RCE/CEG SIGNATURE _____ DATE _____

F. SITE INFORMATION

1. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

2. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

3. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

4. ASSESSOR'S PARCEL NUMBER _____

Site Name _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

G. FEES (in effect beginning July 1, 2007, through June 30, 2008)		
ACTIVITY	FEE SCHEDULE	AMOUNT
Permit for Well Installations Only (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells)	\$186.00 for the first monitoring well	\$186.00
Permit for Well Maintenance Inspection (Valid for three years)	\$100.00 for first well maintenance inspection	\$100.00
Each Additional New Well	\$160.00 for each additional well installation \$30.00 for each additional well maintenance inspection	<div> <div>___ x \$160.00</div> <div>___ x \$30.00</div> <div>_____</div> <div>_____</div> </div>
Permit for Borings Only (CPT's, Hydropunch, Geoprobos, Temporary Well Points, etc.)	\$186.00 for the first boring \$50.00 for each additional boring	<div> <div>___ x \$186.00</div> <div>___ x \$50.00</div> <div>_____</div> <div>_____</div> </div>
Permit for Well Destructions Only	\$186.00 for the first destruction \$120.00 for each additional destruction ...	<div> <div>___ x \$186.00</div> <div>___ x \$120.00</div> <div>_____</div> <div>_____</div> </div>
Permit for any Combination of Well Installations, Borings, & Destructions (except UST backfill permit)	The first activity will be \$186.00 Additional activities will be as follows: \$160.00 for each additional well \$100.00 for first well maintenance inspection \$ 30.00 for each additional well maintenance inspection \$120.00 for each well destruction \$ 50.00 for each additional boring	<div> <div>___ x \$186.00</div> <div>___ x \$160.00</div> <div>___ x \$100.00</div> <div>___ x \$ 30.00</div> <div>___ x \$120.00</div> <div>___ x \$ 50.00</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> </div>
Permit for Underground Storage Tank Monitoring System in Backfill (i.e. Enhanced Leak Detection)	\$320.00 (Flat Fee)	\$ _____
	TOTAL COST OF PERMIT	\$ _____

H. QUESTIONNAIRE: Please answer all applicable questions completely. For well destructions, complete only #1 below and submit any required supportive documentation.

1. If wells are to be destroyed, provide a description of method of destruction _____

2. What is the purpose of the well/boring investigation?
 - ☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

DEH

RWQCB

DTSC
 - ☐ b. Part of a Phase I investigation for property ownership transfer or: _____
 - ☐ c. Geotechnical investigation for proposed construction, land stabilization or: _____
 - ☐ d. Other: _____
3. What procedures will be used to prevent the well/boring from providing an avenue to contamination during construction?

4. What field procedures will be utilized to determine if contamination exists?

5. What procedures will be used to determine whether samples will be sent for laboratory testing or archiving?

6. What constituents will be monitored and tested (Include EPA Laboratory Test Methods to be used)?

7. How will samples be transported and preserved? _____
8. What sampling methods will be used? _____
9. Are you proposing a variation from the methods and/or procedures presented in the requirements for the construction or destruction of Vadose and Groundwater Monitoring Wells (Current SAM Manual Requirements)? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (http://www.sdcountry.ca.gov/deh/lwg/sam/monitoring_well.html). :Yes ☐ No ☐

10. Are you proposing a variation in drilling and destruction of soil borings from the methods and/or procedures specified in the current SAM manual? If yes, specify these variations and *include a destruction diagram*.
Yes ☐ No ☐

11. What procedures will be used to ensure that the drilling equipment will introduce no contamination?

12. What methods will be used to clean sampling equipment? _____

13. What cleaning method will be used to clean casing and screen prior to installation? _____

14. A property owner consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. If a consent agreement is required, how has the property owner been notified of the proposed work?

A. ☐ The attached Property Owner Consent form.

B. ☐ The attached consent agreement between the responsible party and the property owner with a cover letter signed by the registered professional who signed the permit application.